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# **ANNUAL REPORT**

*of*

**The Medical Officer of Health**

*For the Year 1945*

**J. H. D. LAWRIE, M.D., Ch.B., D.P.H.**  
(H.M. Forces).


Medical Officer of Health.

Medical Superintendent of Isolation Hospital, etc.

**ROBERT PROUDFOOT, M.D., D.P.H.**

Acting Medical Officer of Health.

Medical Superintendent of Isolation Hospital, etc.



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# Borough of Macclesfield

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## HEALTH COMMITTEE.

Meetings at 10-30 a.m. on Wednesday of first week after Council.

The Mayor.	Coun. Hindley
Ald. Fletcher	,, Hyde
Coun. Bettany	,, Proctor
,, Butters	,, Sinnett
,, Campbell	,, Sproson
,, Duffy	,, Turpin (Mrs.)
,, Gillies (Mrs.)	,, Martin

**Chairman:** Mr. Councillor Hyde.

**Vice-Chairman:** The Mayor (Mr. Alderman Brees).

### Sub-Committees:—

Sewage Works ....	....	<b>Chairman:</b> The Mayor (Mr. Alderman Brees).
Cleansing ....	....	<b>Chairman:</b> Mr. Councillor Hyde.

---

## MATERNITY AND CHILD WELFARE COMMITTEE.

Meetings at 4 p.m. third Tuesday in each month.

The Mayor	Coun. Slack
Ald. Wood	,, Floyd
Coun. Duffy	,, Turpin (Mrs.).
,, Grey (Mrs.)	,, Gillies (Mrs.)
,, Proctor	Mrs. M. B. Lomas
,, Thornhill	Mrs. F. R. Oldfield
,, Wright	Mrs. W. White
,, Martin	Miss A. J. Staghall
,, Barwood	

**Chairman:** Mr. Councillor Proctor.

**Vice-Chairman:** Mr. Councillor Barwood.

# Staff of Public Health Department

## **\*Medical Officer of Health and Medical Superintendent of Isolation Hospital:**

J. H. D. LAWRIE, M.D., Ch.B., D.P.H.

## **Acting Medical Officer of Health and Medical Superintendent of Isolation Hospital:**

ROBERT PROUDFOOT, M.D., D.P.H.

## **Deputy Medical Officer (Part Time):**

F. E. LOMAS, M.B., Ch.B.

## **Obstetric Consultant and Medical Officer Ante-Natal Clinic: (Part Time):**

F. H. LACEY, M.D., M.B., Ch.B., F.R.C.O.G., T.D.

## **Orthopaedic Surgeon:**

DENNIS WAINWRIGHT, F.R.C.S. (Part Time).

## **\*Senior Sanitary Inspector, Inspector under Food and Drugs Act, Factory and Workshops Act, Contagious Diseases of Animals Act, Cleansing Superintendent, Etc.:**

ARTHUR ALBINSON, M.C., M.M., Cert. R.S.I.

## **Additional Sanitary Inspectors:**

F. J. SHEPLEY, Cert. S.I.B. W. TURNER, Cert. S.I.B.

## **Veterinary Inspector:**

A. J. WRIGHT, M.R.C.V.S.

## **Health Visitors/School Nurses:**

\* M. DOROTHY WATSON, Cert. R.S.I., Cert. S.C.M., S.R.N.

\* F. MARY YATES, Cert. R.S.I., Cert. S.C.M., Cert. R.S.C.N., S.R.N.

\* ANN GRILLS, Cert. R.S.I., Cert. S.C.M., S.R.N.

JANE H. WILLIAMS, Cert. R.S.I., Cert. (Part I—Midwifery) from October, 1945.

## **Matron of Isolation Hospital:**

MISS B. A. HANNICK, S.R.N., S.C.M.

## **Clerks:**

H. GREENHOUSE (H.M. Forces). R. BENSON (H.M. Forces).

## **Temporary Clerks:**

MRS. P. CARTER. MRS. K. L. PROUDFOOT.

MISS N. PITCHER. MISS B. BROWN.

## **Head Porter (Isolation Hospital):**

S. M. HAMER.

## **Assistant Porter:**

C. H. HILTON.

## **Sewerage and Water Engineer:**

EDWARD HAMSON, M.I.M.C.E. (Borough Surveyor).

## **Sewage Works Manager:**

F. T. HAMBLETON, M.R.S.I.

## **Borough Analyst (part time):**

S. ERNEST MELLING, F.I.C.

\*Officers in respect of whose salaries contribution is made under the Public Health Acts or by Exchequer Grants.



## SANITARY ADMINISTRATION

### LIST OF ADOPTIVE ACTS, BYE-LAWS AND LOCAL REGULATIONS RELATING TO THE PUBLIC HEALTH, IN FORCE IN THE DISTRICT WITH DATE OF ADOPTION.

#### LOCAL ACTS.

1. The Macclesfield Borough Waterworks Act, 1849.
2. The Macclesfield Improvement Act, 1852.
3. The Macclesfield District Gas Act, 1860.
4. The Macclesfield Corporation Act, 1882.
5. The Macclesfield Corporation Act, 1923.
6. The Macclesfield Corporation Act, 1939.

#### ADOPTIVE ACTS.

1. The Public Health Acts (Amendment) Act, 1890 ;  
Parts II and III as from the 1st May, 1891, and  
Part IV as from 1st December, 1933.
2. The Infectious Disease (Prevention) Act, 1890,  
Sections 1 to 4, 16, 18 and 20 to 24, all inclusive,  
as from 1st May, 1891.
3. The Public Health Acts, Amendment Act, 1907 ;  
Sections 15 to 22 and 28 to 33 ; Sections 53 and  
54, Part VI ; Sections 79 to 81, 84 and 85, and  
Part VIII, as and from 12th October, 1910 ;  
Section 95, from 22nd June, 1923.
4. The Public Libraries Act.
5. The Burial Acts.

#### BYE-LAWS AND REGULATIONS.

Slaughterhouses, 1930.  
Common Lodging Houses, 1891.  
Nuisances, 1891.  
Prevention of Nuisances, 1903.  
New Streets, 1926.  
Factory and Workshop (Escape in case of Fire), 1913.  
Public Markets and Fairs, 1890 and 1915.  
Public Sanitary Conveniences, 1926.  
Houses Let in Lodgings, 1929.  
Buildings, 1929.



# ANNUAL REPORT

OF

## The Medical Officer Of Health

for the Year ended December 31st, 1945.

---

Public Health Department,  
Town Hall,  
Macclesfield.

December, 1945.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF  
THE BOROUGH OF MACCLESFIELD.

Ladies and Gentlemen,

I have the honour to present to you my report upon the health and sanitary conditions of the Borough of Macclesfield for the year ended December 31st, 1945.

The Registrar General's estimate of the population of Macclesfield to the middle of 1944 is 33.450.

**The Birth Rate** for 1945 was 15.33 compared with 15.72 in 1944.

**The Death Rate** for 1945 was 12.22 compared with 13.63 in 1944.

**The Infant Death Rate** for 1945 was 68.22 compared with 57.03 in 1944.

The Infantile Mortality rate is the number of deaths in children under one year of age per thousand live births.

The average rates for the 148 smaller towns with which Macclesfield is comparable are as follows:—

Birth Rate	....	....	....	....	....	20.9
Death Rate	....	....	....	....	....	12.4
Infant Death Rate	....	....	....	....	....	44.0

**Infectious Disease.**

The number of cases of notifiable infectious diseases which occurred during the year was 929 compared with 440 in 1944. There were 26 notifications of Diphtheria compared with 46 during last year. There were no deaths from Diphtheria during the year.

The scheme for immunisation against Diphtheria continued throughout the year. At 31st December, 1945, it was estimated that 57.14 per cent. of the children under 5 years of age in the Borough had been immunised, and 77.5 per cent. of the children between 5 and 15 years. During 1945, 431 children under 5 years of age were immunised and 223 of school age.

I have the honour to be,

Your obedient Servant,

**ROBERT PROUDFOOT,**

Acting Medical Officer of Health.

## GENERAL STATISTICS FOR 1945

---

Area of Borough	....	....	....	....	....	4,641 acres
Population (Census 1931)	....	....	....	....	....	34,905
Population (Estimated by Registrar General, 1944)						33,450
Number of inhabited houses (Census 1931)					....	9,502
Number of inhabited houses (end of 1945) estimated						11,072
Rateable Value, 1945	....	....	....	....	....	£207,781
Product of a Penny Rate	....	....	....	....	....	£848

				Male	Female	Total
Live Births: Legitimate	....	....	....	219	242	461
Illegitimate	....	....	....	31	21	52
				<hr/> 250	<hr/> 263	<hr/> 513

Still Births—12. Rate per 1,000 live births	....	....	23.39
Deaths—409 Death Rate (Crude)	....	....	12.22
Percentage of deaths occurring in Public Institutions			43.8

The total numbers of live births and of deaths of residents in the Borough during 1945 were 513 and 409 respectively. These figures show an excess of births over deaths of 104. In 1944 there was an excess of births over deaths of 70.

**The Birth Rate** of 15.33 is lower by .39 than for 1944.

**The Death Rate** of 12.22 shows a decrease of 1.41 compared with the rate for 1944.

Number of women who died in, or in consequence of child birth:—

From Sepsis	....	....	....	....	....	0
From other causes	....	....	....	....	....	1

Death rate of infants under one year of age per 1,000 live births:—

Legitimate	....	....	....	....	....	50.68
Illegitimate	....	....	....	....	....	17.54
Total	....	....	....	....	....	68.22

### **Infant Deaths**

Of the 35 infant deaths, 20 occurred in males and 15 in females.

### **Infantile Mortality**

While the general death rate shows a very considerable decrease it is a cause for concern to record a further increase in the Infantile Mortality Rate which has now reached 68.22 per 1,000 live births—the second highest recorded during the last 10 years.

Thirty-five deaths occurred during 1945 and more than half that number are accounted for by Prematurity—9, and Congenital Malformation, etc., 14; one case of Prematurity and four of Congenital Malformation dying within 24 hours of birth.

A very high proportion of these infant deaths was of illegitimate children—nine in number.

Table I shows the ages and causes of death.

In 8 cases the cause of death was established by post-mortem examination or by Inquest.

### **Neo-Natal Death Rate**

The number of infant deaths during the first four weeks of life was 20 as compared with 17 in 1944. This makes the death rate per 1,000 live births 38.98.



Table 1.

CAUSES OF INFANT DEATHS, 1945, at different age periods under 1 year.

CAUSE OF DEATH.	CAUSE OF DEATH.								Total under 1 year.
	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total for four weeks.	4 weeks to 3 months.	3-6 months.	6-9 months.	9-12 months.
Congenital Syphilis	—	—	—	—	—	1	—	—	1
Pneumonia	—	—	—	—	—	1	2	1	4
Other Digestive Diseases	—	—	—	—	—	—	1	—	1
Gastro Enteritis	—	—	—	1	1	—	2	1	4
Prematurity	5	1	1	—	7	2	—	—	9
Congenital Malformation	8	1	2	—	11	3	—	—	14
Violence	1	—	—	—	1	—	—	—	1
Other Causes	—	—	—	—	—	—	1	—	1
TOTAL	14	2	3	1	20	7	6	2	35

**TUBERCULOSIS**

Cases notified in 1945 :  
 Pulmonary .... 18  
 Non-Pulmonary .... 7

Cases notified in 1944 :  
 Pulmonary .... 16  
 Non-Pulmonary .... 13

Numbers of deaths in 1945 :  
 Pulmonary .... 9  
 Non-Pulmonary .... 1

Number of deaths in 1944 :  
 Pulmonary .... 16  
 Non-Pulmonary .... 0

**Notification of Non-Pulmonary Tuberculosis, 1945**

The 7 cases notified were as follows :—

					Male	Female	Total
Left cheek and nose	....	....	....	0	....	1	1
Inguinal glands	....	....	....	0	....	1	1
Neck glands	....	....	....	0	....	2	2
Hip	....	....	....	1	....	2	3
					1	6	7

**Table II**  
**THE ANALYSIS OF DEATH RETURNS FOR 1945**

11a

CAUSE OF DEATH.	Sex	All Ages	0-1	1-5	5-15	15-25	25-45	45-65	65-75	75 and over
Pulmonary Tuberculosis ....	M. F.	7 2	— —	— —	— —	— —	5 1	2 1	— —	— —
Other T.B. ....	M. F.	— 1	— —	— —	— —	— —	— —	— 1	— —	— —
Syphilitic Diseases ....	M. F.	5 2	1 —	— —	— —	— —	— —	3 1	1 —	— 1
Cancer:—										
Buc. cavity and oesophagus (M)	M.	1	—	—	—	—	—	—	1	—
Uterus (F) ....	F.	5	—	—	—	—	—	2	2	1
Stomach ....	M. F.	7 8	— —	— —	— —	— —	— —	2 5	5 3	— —
Breast ....	M. F.	— 12	— —	— —	— —	— —	— 1	— 7	— 3	— 1
All other forms ....	M. F.	19 19	— —	— —	— —	— —	— 2	11 7	5 7	3 3
Diabetes ....	M. F.	2 3	— —	— —	— —	— —	— —	1 1	1 2	— —
Intracranial Vascular Lesions ....	M. F.	14 23	— —	— —	— —	— —	— —	6 3	6 9	2 11
Heart Disease ....	M. F.	47 69	— —	— —	— 1	— —	— 3	16 11	13 16	18 38
Other Diseases of the Circulatory System ....	M. F.	6 5	— —	— —	— —	— —	— —	3 —	1 —	2 5
Bronchitis ....	M. F.	11 10	— —	— —	— —	— —	— —	5 1	6 4	— 5
Pneumonia ....	M. F.	8 10	— 4	2 —	— —	— —	— —	5 4	— 1	1 1
Other Respiratory Diseases ....	M. F.	1 2	— —	— —	— —	— —	— 2	— —	— —	1 —
Gastric Ulcer ....	M. F.	1 2	— —	— —	— —	— —	— —	— —	1 2	— —
Gastro-Enteritis ....	M. F.	3 1	3 1	— —	— —	— —	— —	— —	— —	— —
Appendicitis ....	M. F.	1 —	— —	— —	— —	— —	— —	1 —	— —	— —
Other Digestive Diseases ....	M. F.	4 3	1 —	— —	— —	— —	— 1	2 —	— 1	1 1
Nephritis ....	M. F.	6 13	— —	— —	— —	— —	— —	3 6	— 5	3 2
Other Maternal Diseases ....	M. F.	— 1	— —	— —	— —	— —	— 1	— —	— —	— —
Prematurity ....	M. F.	8 1	8 1	— —	— —	— —	— —	— —	— —	— —
Congenital Malformations ....	M. F.	7 7	7 7	— —	— —	— —	— —	— —	— —	— —
Suicide ....	M. F.	2 4	— —	— —	— —	— —	— —	1 1	1 2	— 1
Road Accidents ....	M. F.	1 2	— —	— —	— 1	— —	— —	— 1	— —	1 —
Other Violent Causes ....	M. F.	5 4	— 1	— —	— —	2 —	— —	— 1	2 2	1 —
All other causes ....	M. F.	13 21	1 —	— —	— —	— —	— 1	3 2	3 3	6 15
TOTAL ....	M. F.	179 230	21 14	2 0	0 2	2 0	5 12	64 55	46 62	39 85
GRAND TOTAL ....		409	35	2	2	2	17	119	108	124





The following table shows the cases notified and the deaths from Tuberculosis during the year in the two sexes and classified in age groups:—

**Table III**

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ....	—	—	—	1	—	—	—	—
1 to 5 years ....	—	—	1	—	—	—	—	—
5 to 10 years ....	—	—	—	1	—	—	—	—
10 to 15 years ....	—	—	—	—	—	—	—	—
15 to 20 years ....	3	—	—	—	—	—	—	—
20 to 35 years ....	5	3	—	1	2	1	—	—
35 to 45 years ....	1	1	—	—	3	—	—	—
45 to 65 years ....	4	1	—	3	2	1	—	1
65 yrs. & upw'ds.	—	—	—	—	—	—	—	—
TOTALS ....	13	5	1	6	7	2	—	1

Nine houses were disinfected after death or removal of the patient.

The regulations respecting notifications have been satisfactorily observed.

During the year there has been no need for action to be taken under the Public Health (Prevention of Tuberculosis) Regulation, 1925, nor Section 172 of the Public Health Act, 1936.

**Specimens of Sputum, 1945**

Positive	Negative				Total
12	....	....	69	....	81

## **PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.**

### **Scarlet Fever.**

During the year 1945, 109 cases of Scarlet Fever were notified and 104 cases were removed to the Isolation Hospital. In 1944, 110 cases were notified and 107 removed to the Isolation Hospital.

### **Diphtheria**

During 1945, 27 notifications of cases of Diphtheria were actually received but one proved to be simple tonsillitis and another that of a soldier on leave from Germany who developed the disease during his homeward journey. Of the remainder, fifteen occurred in children under 15, nine of whom were immunized, and ten over that age, two of whom were immunized. All the cases but one were treated in the Isolation Hospital and all recovered.

Diphtheria is essentially a disease of childhood, being most common before the age of 10 years, but of these cases nearly 60 per cent. were over that age. The figures are too few from which to draw any definite conclusion, but they do tend to indicate the benefit of immunization in lessening the risk of this disease among the young and susceptible.

### **Immunization**

Since 1939 when immunization on a general scale against Diphtheria was adopted in Macclesfield, 6,620 children have been inoculated. This figure does not take account of a considerable number who have been dealt with privately. Analysis shews that at the 31st December, 1945, there have been treated 1,262 children of pre-school age—a percentage of 57.14—and 3,410 belonging to the 5-15 age group, giving a percentage of 77.5—the remaining 1,741 being over 15 years.

These figures are shewn in tabular form (see Table V) according to the various age groups for 1939 onwards. Thus the figures for those children 0-5 are shewn for each year to the right of the top thick line, while those of school children 5-15 years, are given between the two thick lines, those below the lower left line being over 15 at the date mentioned. Adjustments have been made in reaching the final figures for those children of 4 plus, who during the year continue to pass from the pre-school to the school group, and also for those of 14 plus, who have reached their fifteenth birthday, and are therefore excluded from the 5-15 school group.



**TABLE IV.**  
**NOTIFIABLE DISEASES DURING THE YEAR 1945.**

Disease.	Total Cases Notified.	AT AGES—YEARS.												Total notified last year (1944).	Cases treated in Hospital, Sanatorium, etc.					
		Under 1 year.	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 & upwards.		Isolation Hospital.	General Infirmary.	County Mental Hospital.	West Park Hospital.	Sanatoria.	Other Hospitals.
Smallpox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Scarlet Fever .....	109	1	...	4	3	3	60	25	8	5	...	...	...	110	104	...	...	1	...	
Diphtheria .....	26	1	...	...	1	1	8	3	5	5	2	...	...	46	26	1	1	1	...	
Enteric Fever (including Para-Typhoid) .....	1	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	1	...	...	
Puerperal Fever and Puerperal Pyrexia .....	10	...	...	...	...	...	...	...	...	9	1	...	...	15	1	...	1	5	...	
Pneumonia :—																				
Acute Primary .....	18	...	...	...	2	1	2	2	...	1	3	4	3	26	1	...	...	2	...	
Acute Influenzal .....	3	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	
Lobar .....	5	...	...	...	...	...	1	...	...	2	2	...	...	...	...	...	5	1	...	
Ophthalmia Neonatorum .....	6	6	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	1	...	
Erysipelas .....	9	...	...	...	...	...	...	...	...	3	1	4	1	6	3	...	...	...	...	
Dysentery .....	24	4	1	1	1	...	1	...	...	6	...	7	3	97	...	...	13	3	...	
Encephalitis Lethargica .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Acute Anterior Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Measles .....	656	30	61	96	96	110	229	22	5	4	2	1	...	25	8	1	2	6	...	
Whooping Cough .....	60	7	10	8	9	6	18	...	...	2	...	...	...	110	2	...	...	...	...	
Cerebro-Spinal Fever .....	2	...	...	...	...	...	1	...	...	...	...	1	...	...	2	...	...	...	...	
Meningococcal Meningitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Pemphigus Neonatorum .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Acute polio encephalitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	
TOTALS .....	929	49	73	109	112	121	320	52	18	37	11	19	8	440	149	2	23	20	...	
Tuberculosis :—																				
Pulmonary—Males .....	13	...	...	...	...	...	...	...	3	5	1	4	...	8	...	...	...	...	7	
Females .....	5	...	...	...	...	...	...	...	...	3	1	1	...	8	...	...	...	...	2	
Totals .....	18	...	...	...	...	...	...	...	3	8	2	5	...	16	...	...	...	...	9	
Non-Pulmonary—Males .....	1	...	...	...	1	...	...	...	...	...	...	...	...	10	...	...	...	...	1	
Females .....	6	1	...	...	...	...	1	...	...	1	...	3	...	3	...	...	...	...	1	
Totals .....	7	1	...	...	1	...	1	...	...	1	...	3	...	13	...	...	...	...	2	
COMBINED TOTALS .....	954	50	73	109	113	121	321	52	21	46	13	27	8	...	149	2	23	20	9	
Last Year (1944) .....	469	16	18	21	29	38	123	42	15	50	39	40	38	469	163	...	107	18	5	





Table V.—Table of Immunization from 1939—1945.

Age	1939.	1940.	1941.	1942.	1943.	1944.	1945.
0	4	0	15	39	26	56	97
1+	50	5	73	207	221	298	236
2+	73	5	57	125	74	52	42
3+	74	5	49	105	56	14	25
4+	132	20	94	87	77	20	31
5+	186	34	147	112	78	26	37
6+	213	30	102	37	33	12	39
7+	235	50	70	21	15	6	36
8+	217	55	78	24	16	4	36
9+	174	95	54	21	8	1	30
10+	123	152	50	19	1	5	17
11+	86	193	69	35	2	2	9
12+	33	210	63	36	9	8	8
13+	33	228	59	25	5	2	7
14+	4	65	47	26	1	0	4
15+	0	9	47	51	1	1	0
Total	1636	1156	1074	970	623	507	654

## **Diphtheria Anti-Toxin Serum**

Supplies of Anti-Toxin are available at the Office of the Medical Officer of Health, 6, Market Place, and also at the Isolation Hospital for Borough cases. After office hours and on Sundays and Bank Holidays, supplies may be obtained from the Borough Police Station.

## **Enteric Fever**

One case of Para-typhoid Fever was notified during the year from the County Mental Hospital, Parkside, and was not removed to the Isolation Hospital.

## **Puerperal Pyrexia**

Ten cases of Puerperal Pyrexia were notified during the year. One case was removed to the Isolation Hospital. Six cases were notified from West Park Hospital, one from the County Mental Hospital and one from Macclesfield General Infirmary. These cases were not removed.

## **Ophthalmia Neonatorum.**

Six cases of Ophthalmia Neonatorum were notified during the year and two cases were removed to the Isolation Hospital. During 1944 two cases were notified.

## **Erysipelas**

Nine cases of Erysipelas were notified. Three of the cases were removed to the Isolation Hospital. During last year, 6 cases were notified in the Borough.

## **Dysentery**

Twenty-four cases of Dysentery were notified; 13 from the County Mental Hospital and three from the West Park Hospital. The total for 1944 was 97.

## **Acute Primary Pneumonia**

During the year, 23 cases of this disease were notified, one was removed to the Isolation Hospital. Five of the cases occurred at the County Mental Hospital, and three at West Park Hospital. The total for 1944 was 26 cases.

## **Acute Influenzal Pneumonia**

During the year 3 cases were notified. Last year there were no cases.

## **Measles**

Six hundred and fifty-six cases of this disease were notified, but eight only of these called for removal to the Isolation Hospital. As compared with last year there was an increase of 631 cases.

This was the most serious of the outbreaks of infectious disease and affected mainly the pre-school children.

## **Whooping Cough**

Sixty cases of this disease were notified and two of these were removed to the Isolation Hospital. This is a decrease of 50 from last year.

## **Tuberculosis**

Eighteen cases of Pulmonary Tuberculosis were notified, and 7 of Non-Pulmonary Tuberculosis, making a total of 25 cases, compared with 16 Pulmonary and 13 Non-Pulmonary, a total of 29 last year.

Nineteen Pulmonary cases received Sanatorium treatment and 4 cases of non-pulmonary tuberculosis entered open-air hospitals.

## **Lice Infestation**

In spite of persistent efforts by the Health Visitors and School Nurses to reduce this evil, it must be admitted that there is still a very wide incidence of this condition. As previously observed, adults play a very important part in maintaining fresh infection.

The admission of patients to the Infectious Fever Hospital show that 11.6 per cent. of these are infected with lice. Until the family can be treated as a unit as in Scabies, infestation will continue to recur.

It is now the practice to treat all such cases with D.D.T. and where opportunities are granted to use this insecticide excellent results are obtained. This is especially noticeable in Day Nurseries where children are found to be grossly infested after a week-end at home.

## **Scabies**

The cleansing section of the First Aid Post at Hurdsfield House has continued to be used for the treatment of cases of scabies, and 88 cases in adults and 111 cases in children have been dealt with during the year.

The numbers requiring treatment have considerably decreased during the year.



**Table VI**

TABLE SHOWING THE NUMBER OF CASES ADMITTED TO THE ISOLATION HOSPITAL DURING 1945 FROM MACCLESFIELD BOROUGH, THE TWO CONTRIBUTING AUTHORITIES. THE MILITARY AND OTHER AUTHORITIES.

DISEASE.	Macclesfield	Macclesfield Rural District.	Bollington U.D.	Congleton	Military	Other Areas.	Totals
Scarlet Fever.....	102	27	4	1	2	3	139
Diphtheria .....	26	12	—	3	1	2	44
Whooping Cough ....	2	—	1	—	—	—	3
Measles .....	4	—	1	—	2	—	7
Measles and Mastoid	1	—	—	—	—	—	1
Measles and Pneumonia	3	—	—	—	—	—	3
Measles, Convulsions and Hyperpyrexia	—	1	—	—	—	—	1
Chickenpox .....	1	—	—	—	—	—	1
Sunstroke .....	1	—	—	—	—	—	1
Dysentery .....	—	1	—	—	—	—	1
Cerebro-Spinal Fever	2	1	—	1	—	—	4
Typhoid Fever .....	—	—	—	1	—	1	2
Erysipelas .....	3	1	—	1	—	—	5
Rubella .....	—	—	—	1	—	—	1
Tonsillitis.....	2	—	3	—	—	—	5
Ophthalmia Neonatorum.....	2	—	—	—	—	—	2
Jaundice .....	1	—	—	—	—	—	1
Pemphigus .....	—	2	—	1	—	—	3
Lymphangitis .....	—	1	—	—	—	—	1
Puerperal Pyrexia ....	1	2	—	1	—	—	4
Pneumonia .....	1	—	—	—	—	—	1
	152	48	9	10	5	6	230

Plus 2 babies and 1 mother admitted with patients, making total 233.



**TABLE VII****The Disinfector and Disinfection**

The following table gives the number of articles disinfected by steam during the year:—

	Borough				R.D.C.			Total
Beds	....	....	....	157	....	58	....	215
Pillows		....	....	203	....	85	....	288
Pillow Cases	....		....	176	....	61	....	237
Bolsters	....	....	....	95	....	44	....	139
Bolster Cases	....	....	....	62	....	40	....	102
Sheets	....	....	....	217	....	117	....	334
Blankets	....	....	....	1725	....	283	....	2008
Counterpanes		....	....	101	....	51	....	152
Eiderdowns	....	....	....	52	....	39	....	91
Towels	....	....	....	38	....	24	....	62
Bedspreads	....	....	....	45	....	18	....	63
Miscellaneous		....	....	286	....	126	....	412
				<hr/> 3157	....	<hr/> 946	....	<hr/> 4103

**Articles Destroyed, 1945**

Beds	....	....	....	....	....	....	7
Pillows	....	....	....	....	....	....	6
Blankets	....	....	....	....	....	....	4
Bolsters	....	....	....	....	....	....	3
Other Articles	....	....	....	....	....	....	18
							<hr/> 38 <hr/>

**Articles Disinfected for Billeting Office**

Mattresses	....	....	....	....	....	273
Blankets	....	....	....	....	....	2697
Pillows	....	....	....	....	....	95
Camp beds	....	....	....	....	....	186
						<hr/> 3251 <hr/>

**TABLE VIII**  
**Bacteriological Laboratory**

The total number of specimens examined during the year 1945 is as follows:—

					Positive	Negative	Total
Throat Swabs	....	....	....	....	70	301	371
Nasal Swabs	....	....	....	....	3	10	13
Sputum	....	....	....	....	2	30	32
Vaginal Swabs		....	....	....	—	4	4
Blood	....	....	....	....	—	6	6
Faeces	....	....	....	....	2	6	8
Urine	....	....	....	....	1	6	7
Pus from wound....		....	....	....	1	3	4
Ear Swab ....	....	....	....	....	1	1	2
Eye Swab	....	....	....	....	1	2	3
Fluid from Spine		....	....	....	—	1	1
Specimen of Hair		....	....	....	—	1	1
Eggs	....	....	....	....	—	1	1
Milk (for streptococcal infection)					—	3	3
					81	375	456

## MATERNITY AND CHILD WELFARE

### 1. Health Visiting.

Three Health Visitors are employed by the Council, and the number of visits paid during the year by the Health Visitors is as follows:—

(a) To expectant mothers:

1st Visits	....	....	....	....	175
Total Visits	....	....	....	....	303

(b) To children under 1 year:

1st Visits	....	....	....	....	487
Total Visits	....	....	....	....	1640

(c) To children between the ages of  
1 and 5 years:

Total Visits	....	....	....	....	3455
--------------	------	------	------	------	------

### 2. Infant Welfare Centres.

Three centres are provided and maintained by the Council.

The total number of children who first attended at the Centres during the year and who on the date of their first attendance were:—

(a) Under 1 year of age	....	....	....	406
(b) Between the ages of 1 and 5 years	....	....	....	35

The total number of children under 5 years of age who attended at the centres during the year, and who, at the end of the year were:—

(a) Under 1 year of age	....	....	....	358
(b) Over 1 year of age	....	....	....	702

### 3. Ante-Natal and Post Natal Services.

Three Ante-Natal and Post-Natal Clinics are held at Infant Welfare Centres. The total number of women who attended at the Clinics during the year was . 301

### 4. Maternity Hospitals.

The number of women sent by the Council during the year to Maternity Institutions was:—

(a) West Park Hospital	....	....	....	207
(b) St. Mary's Hospitals, Manchester and Prestbury	....	....	....	5
(c) Southfields Maternity Home, Bowdon	....	....	....	1
Total				<hr/> 213 <hr/>

## 5. Home Helps.

One woman is employed as Home Help to attend Maternity Cases.

The number of cases attended during the year was .... 24

## 6. Day Nurseries.

In addition to the South Park Nursery, established by the Ministry of Health in 1942, the Glegg Street Day Nursery was taken over by the Ministry on 1st July, 1943, from a Voluntary Committee. These two Nurseries are administered by the Maternity and Child Welfare Committee and have approved accommodation as follows:—

South Park Nursery (approved accommodation for 48 children). (From March, 1945).

Glegg Street Nursery (approved accommodation for 40 children). (From March, 1945).

## 7. Premature Babies.

Provision is now being made for the care of premature babies, and where the weight is  $5\frac{1}{2}$  lbs. or less, this is recorded upon the Birth Notification.

As the majority of such cases occur in hospital, arrangements have been made whereby their discharge from Hospital is notified immediately, in order that the Health Visitors may give a special supervision to them.

Consideration has been given to the provision of equipment suitable to deal with premature cases.

Death occurred in 9 cases of premature infants during 1945, one of them being within 24 hours of birth. Only one of these deaths occurred at home.

The services of a paediatrician are available at the Hospital where the majority of such cases are likely to occur.

## 8. Maternal Deaths.

Maternal Deaths were notified in the Borough during the year, as follows:—

(a) From Sepsis	....	....	....	....	0
(b) From other causes	....	....	....	....	1

This death occurred in Hospital.



## 9. Child Life Protection.

(a) The number of persons receiving children for reward at the end of the year was ....	5
(b) The number of children so received ....	5
(c) The number of Child Protection Visitors at the end of the year:—	
(1) Health Visitors ....	3
(2) Others (male or female) ....	0
(d) Proceedings taken during the year ....	0

## 10. Dental Treatment, Minor Ailments and Treatment for Defective Vision.

Treatment of nursing and expectant mothers, and children under 5 years, is carried out at the School Clinic under special arrangements.

## Dental Clinic.

Four expectant mothers have been examined, and three treated, making a total of 6 attendances. One administration of gas, sixteen extractions and two scalings were carried out for these cases. Dentures were supplied in three cases. Seventeen cases of pre-school children were examined and fourteen treated, making a total of 23 attendances. Eleven administrations of gas, 46 extractions and one scaling were carried out for these cases.

## E.N.T. Clinic.

Five children of pre-school age were referred to this clinic for examination. Total attendances numbered five.

## Tonsils and Adenoids.

Fifteen children were operated on during the year.

## Minor Ailments.

Twenty-four Welfare Cases have received treatment; total attendances 131.

## Defective Vision.

Fifteen Welfare children were referred to Dr. Harrison. Total attendances 30.

## 11. Milk, Vitamins, etc., for Expectant Mothers and Young Children.

Milk, Cod Liver Oil, and Orange Juice, are now supplied to expectant mothers, nursing mothers, and children under 5 years, under the Ministry of Food Wholesale (Foods) Scheme.

Virol, Cod Liver Oil and Malt, Dried Milks, etc., are also supplied free in necessitous cases from the Welfare Centres.

## 12. Orthopaedic Clinic.

The sessions are held each Wednesday at 10-30 a.m. at Hurdsfield House. The consultant, Mr. D. Wainwright, attends one Wednesday in each month at 10-30 a.m.

There have been 47 sessions during the year, 12 of these were for the purpose of consultation and the following table shows the number of new cases referred for treatment during the year.

**New Welfare Cases admitted to Orthopaedic Clinic during 1945**

Complaint.	Male.	Female.	Total.
Bow Legs ....	3	3	6
Flat Feet ....	3	1	4
Valgoid Ankles ....	1	—	1
Right Hemiplegia ....	—	1	1
Genu Valgum ....	6	5	11
Swelling of L. Sterno-mastoid muscle ....	—	1	1
Right Torticollis ....	—	1	1
Severe Knock Knees ....	1	—	1
Genu Valgum and Flat Feet ....	2	—	2
Totals ....	16	12	28

**Summary of Attendances at Orthopaedic Clinic**

	1941	1942	1943	1944	1945
No. of children under 5 years of age who attended for the first time ....	8	14	15	21	28
Total No. of attendances of children under 5 years ....	83	106	97	132	207

**STATISTICS****1941 to 1945.**


---

	1941.	1942.	1943.	1944.	1945.
Total Births Notified ....	476	533	494	526	513
Birth Rate ....	12.6	15.05	14.26	15.72	15.33
Still-Birth Rate ....	46.1	17.1	24.9	11.4	23.39
Infant Death Rate ....	61.5	49.6	46.0	57.03	68.22
Neo-Natal Death Rate ....	37.3	36.2	35.27	32.32	38.98
Maternal Deaths ....	0	3	0	0	1
Cases to West Park and other Maternity Hos- pitals ....	94	159	165	190	213
Home Helps granted ....	13	27	17	23	24

**Attendance at Welfare  
Centres**

Attendances of children under 1 year ....	4,079	6,672	7,188	7,330	7,353
Attendances of children 1 to 5 years ....	2,790	2,224	2,300	2,287	2,016
Average attendances of children up to 5 years	47.3	61.3	64.98	65.87	67.25
Total number of children who attended for the first time:—					
(a) Under 1 year ....	361	438	348	435	406
(b) 1 to 5 years ....	131	83	42	95	35

**Ante-Natal Clinic.**

Total number of attend- ances by expectant mothers ....	545	324	626	854	769
Number of expectant mothers who attended for the first time ....	221	249	240	315	301

**Pre-School Clinic.**

Total Attendances ....	1,464	2,403	1,923	2,133	1,742
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**Visits made by Health  
Visitors.**

	1941	1942.	1943.	1944.	1945.
Visits to expectant mothers, 1st Visits ....	417	191	195	177	175
Total Visits ....	342	409	361	343	303
First visits to children under one year ....	417	498	453	489	487
Total visits to children under one year ....	1,784	2,021	2,172	1,582	1,643
Total visits to children 1 to 5 years ....	4,261	4,450	4,386	3,371	3,455
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total Visits ....	7,221	7,569	7,567	5,962	6,063
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>



## EXAMINATION OF MILK—1945.

During the year, 94 samples of milk were submitted for examination as to their Cleanliness and Keeping Quality.

1. **Accredited Milk.** Of the 22 samples of accredited milk examined, 14 were reported to be clean and wholesome. 16 contained *Bacillus Coli*—the germ most commonly found in the intestine of the Cow—7 of these being grossly polluted with organisms of this nature, and failing to pass either of the tests prescribed by the Milk (Special Designations) Order, 1936.

2. **Heat-treated Milk.** 18 samples of such milk were examined, 17 of these proved to be of wholesome character.

3. **Undesignated Milk.** Of 54 samples examined 23 were unsatisfactory either from the point of view of cleanliness or keeping quality.

## MILK (SPECIAL DESIGNATION) ORDERS, 1936—41.

The standard laid down in the Orders for the different categories of milk are set out below:—

Tuberculin Tested Milk (Certified);

Tuberculin Tested Milk:

From 1st May to 31st October must not decolourise methylene blue in  $4\frac{1}{2}$  hours.

From 1st November to 30th April must not decolourise methylene blue in  $5\frac{1}{2}$  hours.

There must be no coliform bacillus in 1/100 millilitre.

Accredited Milk (Farm Bottled);

Accredited Milk:

From 1st May to 31st October must not decolourise methylene blue in  $4\frac{1}{2}$  hours.

From 1st November to 30th April must not decolourise methylene blue in  $5\frac{1}{2}$  hours.

There must be no coliform bacillus in 1/100 millilitre.

Pasteurised Milk:

Must not contain more than 100,000 bacteria per millilitre.

Tuberculin Tested Milk (Pasteurised):

Must not contain more than 30,000 bacteria per millilitre.

Table IX. Summary of Milks, 1943—1944—1945.

		Heat Treated 37			Accredited 99			Ordinary 243		
		1943.	1944.	1945.	1943.	1944.	1945.	1943.	1944.	1945.
M.B.	Passed ....	3	7	17	14	12	14	60	50	31
	Failed ....	0	2	1	21	9	8	41	30	23
		3	9	18	35	21	22	101	80	54
Bacterial Count										
Under 500,000 ....		0	7	18	43	12	15	88	56	35
Over 500,000 ....		0	2	0	13	9	7	21	24	19
		0	9	18	56	21	22	109	80	54
Bacillus Coli Content										
None ....		8	7	12	19	6	6	22	20	20
+ 1/10 ....		1	0	5	8	3	4	25	27	11
+ + 1/100 ....		1	2	1	29	12	12	62	33	23
		10	9	18	56	21	22	109	80	54

In 1943 these investigations do not represent a complete year.

TABLE X.

SAMPLES OF TOWN'S WATER		LANGLEY SUPPLY.							
Date Collected .....	4/1/45	20/3/45	4/6/45.	2/7/45.	13/8/45.	9/10/45.	23/10/45.	11/11/45.	14/11/45.
Collected from:—	26, Belmont Ave.	77, Parkgate Road.	21, Fallibroome Road.	Hovis Pleasant, Buxton Old Road	17, Brookfield Lane.	44, Bank Street.	44, Bank Street.	300, Buxton Road	17, Barton St.
Colour .....	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless
RESULTS (Analytical)	Expressed in parts per 100,000 :—								
Total solids in solution .....	11.2	11.0	10.8	11.6	12.8	14.4	—	13.2	13.0
Non-volatile (Mineral Solids) .....	9.0	8.8	9.2	10.0	10.8	12.0	—	11.5	11.3
Loss on ignition .....	2.2	2.2	1.6	1.6	2.0	2.4	—	1.7	1.7
Total Hardness .....	5.5	5.0	5.5	7.0	6.0	7.6	—	7.0	7.0
Temporary Hardness .....	2.4	2.4	3.0	4.2	4.8	6.6	—	2.8	3.0
Permanent Hardness .....	3.1	2.6	2.5	2.8	1.2	0.4	—	4.2	4.0
Combined Chlorine .....	1.3	1.5	1.4	1.45	1.6	1.4	—	1.5	1.5
Heavy (Toxic) Metals .....	Nil	Nil	Nil	Nil	Nil	Nil	—	Nil	Nil
Ammoniacal Nitrogen .....	Nil	0.0005	Nil	Nil	Nil	Nil	—	Nil	Nil
Albuminoid Nitrogen .....	0.003	0.005	0.003	0.004	0.004	0.005	—	0.004	0.004
Nitrous Nitrogen (Nitrites) .....	Nil	Nil	Nil	Nil	Nil	Nil	—	Nil	Nil
Nitric Nitrogen (Nitrates) .....	0.12	0.16	0.13	0.14	0.14	0.08	—	0.12	0.12
Oxygen absorbed in 3 hrs. @ 26.7°C. ....	0.016	0.036	0.018	0.028	0.020	0.027	—	0.024	0.026
BACTERIOLOGICAL									
Number of organisms per cubic centimeter developing on agar-agar:—									
@ 37°C .....	0	0	0	0	0	10	5	0	0
Coli-aerogenes group of organisms (48 hrs. incubation):—									
1 c.c. (5 tubes) .....	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
10 c.c. (5 „ ) .....	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative
50 c.c. (1 „ ) .....	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative
Probable number of organisms per 100 c.c. ....	0	0	0	0	0	25	0	0	0
OPINION	Potable and wholesome water of a high degree of organic purity and of sound bacteriological quality.	The results show that the usual wholesome and potable quality of the Public Water Supply is maintained.	A wholesome and potable water of a satisfactory degree of organic purity, and of thoroughly sound bacteriological quality.	A potable and wholesome water of the usual high degree of organic purity and thoroughly sound bacteriological quality.	A wholesome and potable water of the usual satisfactory degree of organic purity and of sound bacteriological quality.	Analytically satisfactory except for the presence of a very little permanent hardness, but the bacteriological findings, on this occasion are most unsatisfactory.	On this occasion the water is of wholesome bacteriological quality.	Both these samples are of wholesome and potable quality, of a satisfactory degree of organic purity and of sound bacteriological condition. Judging by the analytical analysis the two waters are from one and the same source.	





TABLE XI.

SAMPLES OF TOWN'S WATER

SWIMMING BATHS. ROUND FOUNTAIN SUPPLY.

Date Collected .....	20/3/45.	13/8/45.	4/1/45.	20/3/45.	4/6/45.	2/7/45.	9/10/45.
Collected from:—	Large Plunge Bath.	Men's Plunge Bath.	11, Dicken Street	21, King Street.	30, King Street.	29, Princess St.	1, Princess Street
Colour .....	Colourless.	Colourless.	Colourless.	Colourless.	Colourless.	Colourless.	Colourless.
RESULTS (Analytical)	Expressed in	parts per 100,000 :—					
Total solids in solution .....	22.0	34.8	11.6	11.6	10.8	11.2	14.8
Non-volatile (Solids) .....	20.0	29.6	9.3	9.0	9.0	9.8	12.4
Loss on ignition .....	2.0	5.2	2.3	2.6	1.8	1.4	2.4
Total Hardness ....	7.5	10.0	5.5	5.0	5.5	6.0	7.0
Temporary Hardness .....	7.5	3.2	2.4	2.4	3.0	3.2	7.0
Permanent Hardness....	—	6.8	3.1	2.6	2.5	2.8	—
Combined Chlorine ....	3.9	11.0	1.4	1.5	1.45	1.4	1.4
Heavy (Toxic) Metals .....	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ammoniacal Nitrogen .....	0.002	.008	Nil	0.0010	Nil	Nil	Nil
Albuminoid Nitrogen .....	0.020	.024	0.003	0.004	0.005	.004	0.005
Nitrous Nitrogen (Nitrites) .....	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Nitric Nitrogen (Nitrates) .....	0.32	.25	0.12	0.16	0.15	.15	0.08
Oxygen absorbed in 3 hrs. @ 26.7° C. ....	0.11	.11	0.017	0.036	0.020	.027	0.028
BACTERIOLOGICAL							
Number of organisms per cubic centimeter developing on agar-agar:—							
@ 37°C .....	0	0	0	0	0	0	0
B. Coli-aerogenes group of organisms (48 hrs. incubation):—							
1 c.c. (5 tubes) .....	Negative	Negative	Negative	Negative	Negative	Negative	Negative
10 c.c. (5 „) .....	Negative	Negative	Negative	Negative	Negative	Negative	Negative
50 c.c. (1 „) .....	Negative	Negative	Negative	Negative	Negative	Negative	Negative
Probable number of Organisms per 100 c.c. ....	0	0	0	0	0	0	0
OPINION	A Bath water of satisfactory organic quality, and of sound bacteriological condition.	These results demonstrate that the Bath water has been effectively chlorinated.	A potable and wholesome water of a high degree of organic purity and of sound bacteriological quality.	These results show that the usual wholesome and potable quality of the Public Water Supply is maintained.	A wholesome and potable water of a satisfactory degree of organic purity, and of thoroughly sound bacteriological quality.	A potable and wholesome water of the usual high degree of organic purity and thoroughly sound bacteriological quality.	In every respect satisfactory.



## THE TOWN'S WATER SUPPLY

1. The water supply of the area has been satisfactory both in the quality and quantity. The consumption of water for trade and domestic purposes for the year ending December, 1945, including bulk supply to the Macclesfield Rural District, was 607,924,000 gallons.

2. The water going into supply is examined chemically and bacteriologically each month by the Public Analyst. Raw waters are regularly examined by the Water Engineer.

3. The water has no plumbo-solvent action.

4. The Corporation are considering the purchase of the remainder of the gathering grounds to the Trentabank and Ridgeway Reservoirs, for protection against pollution.

5. With the exception of a few outlying farms and houses, the whole of the dwelling houses within the Borough are supplied direct from the public water mains.

**SENIOR SANITARY INSPECTOR'S REPORT.**

6, Market Place,  
Macclesfield.

27th February, 1946.

To the Chairman and Members of the  
Health Committee.

Mr. Chairman, Ladies and Gentlemen,

The following is a short report on the work of the Sanitary Section of the Public Health Department during the year, 1945.

**Inspections.**

In all, 3,536 inspections have been made of premises in the Borough.

The conditions found resulted in 914 informal notices and 56 Statutory Notices being sent to owners and occupiers requiring them to carry out works of repairs, etc.

At the end of the year 445 notices had been complied with.

Great difficulty in getting work done has been experienced throughout the year, owing to the shortage of labour, and materials. Despite the difficulties I am glad to say that in only two cases was it necessary for the department to carry out the work in default, and to recover the costs.

**Common Lodging Houses.**

The number of Common Lodging Houses licensed by the Council is 4, with accommodation for 108 nightly lodgers.

26,958 Common lodgers were accommodated during the year, as against 28,547 last year.

Once again I must draw attention to the unsuitability of the premises used to accommodate our floating population. With one exception, the premises are structurally in the slum class, the internal arrangements are bad, the equipment generally is poor, and there is a complete absence of bathing facilities. The only good feature about them is that the owners keep them reasonably clean under the circumstances.

The re-housing of this class of persons is long overdue, and I suggest that for both moral and physical reasons the existing accommodation should be swept away, and replaced by modern buildings, properly equipped.

**Canal Boats.**

The decrease of traffic on the canal continues. Seven inspections were made of two boats, both of which belonged to a local concern.

Both boats were found to comply with the Act, and Regulations.



## Meat Inspection.

The carcasses of 10,821 animals were inspected before distribution to the retail shops.

The following table shows the number of carcasses inspected and condemned:—

### Carcasses Inspected and Condemned.

	Cattle	Calves	Sheep and Lambs	Pigs
Number killed ....	2,423	4,289	4,039	70
Number inspected ....	2,423	4,289	4,039	70
All diseases <b>except</b> Tuberculosis:—				
Whole Carcasses ....	17	84	11	4
Carcasses of which some part or organ was condemned	304	12	90	—
Percentage of the number inspected affected with diseases other than Tuberculosis ....	13.24	2.23	2.50	5.71
Tuberculosis <b>only</b> :—				
Whole carcasses ....	107	10	—	2
Carcasses of which some part or organ was condemned	657	4	—	8
Percentage of the number inspected affected with Tuberculosis ....	31.53	0.32	—	14.28

### **Inspection of Other Foods.**

The following foods were inspected and condemned as unfit for human consumption, voluntarily surrendered, and destroyed:—

50 lbs. of Bacon; 182 $\frac{1}{4}$  lbs. Butter; 3 $\frac{1}{4}$  lbs. Lard; 1 lb. Margarine; 18 lbs. of Cheese; 70 $\frac{1}{2}$  doz. Eggs; 155 lbs. Flour; 10 cwts. of Vanilla Powder; 120 lbs. Biscuits (Plain and Chocolate); 379 Crumpets and Oatcakes; 562 Steam Puddings; 16 Fish Cakes; 43 Meat Pies; 350 lbs. Kippers; 1 $\frac{1}{4}$  lbs. Sausages; 1 packet Wheat Flakes; 4 Bottles Sauce; 60 jars Meat and Fish Paste; 7 tins Tongues; 106 tins Corned Beef; 385 tins Meat; 292 tins of Fish; 46 tins of Beans; 12 tins of Peas; 168 tins Mixed Vegetables; 64 tins Soup; 27 tins Beetroot; 2 tins Vegetable Salad; 130 tins Milk; 10 jars Jam; 16 tins Marmalade; 2 jars Calf Foot Jelly; 7 lbs. Lemon Curd; 65 Bottles Fruit; 79 lbs. Prunes; 200 lbs. of Dates; 39 lbs. Sugar Confectionery and Chocolate; 3 Bottles Orange Squash; 8 Emergency Rations; 9 cwt. Brussel Sprouts; 37 $\frac{1}{2}$  cwts Cabbage; 3 jars Pickles; 1 gallon Piccalilli.

### **Contagious Diseases of Animals Acts.**

During April and November, the borough was declared to be an Infected Area under the Foot and Mouth Disease Order.

The first outbreak necessitated the issue of 343 Movement Licences, and the second outbreak 326 licences. The total number of animals moved during both periods being 3,540.

Three licences were issued authorising the movement of 11 pigs and 32 licences were received in regard to 192 pigs.

59 Licences were received authorising the movement into the Borough of 468 animals from Ireland.

### **Dairies, Cowsheds, and Milkshops.**

The number of Retail Purveyors of Milk in the Borough is seventy.

Of this number, 43 retail milk from premises in the Borough, and 27 from premises in adjoining districts.

The number of Producers of Milk in the Borough is 38, and of Wholesale Traders, 2.

During the year the buildings and equipment of one farm were brought up to the standard required for the production of "Accredited" Milk, and the farm was duly licensed by the Cheshire County Council.

### **Milk (Special Designations) Regulations.**

The following are the licences granted in accordance with the above mentioned regulations.

**Accredited Milk.** 17 farms are licenced by the Cheshire County Council for the production of "Accredited" Milk.

**Pasteurised Milk.** One Supplementary licence for the retail sale of "Pasteurised" Milk; and One licence to pasteurise milk by the "High Temperature Short-time" process were renewed.

**Tuberculin Tested Milk.** One supplementary licence was granted to retail T.T. milk in the Borough.

### **FOOD AND DRUGS ACT.**

The following premises were registered under the above Act, viz:—

39 Shops for the sale of Ice-Cream.

48 Bakehouses.

67 Premises for the manufacture of Preserved Foods,  
and,

6 Slaughterhouses.

During the year 1944 action was taken by the Town Council against a Retail Purveyor of Milk in accordance with the provisions contained in Section 22 of the Food and Drugs Act.

This resulted in the purveyor building a new dairy, equipped with an electric cooler, and providing and fixing equipment to cleanse and sterilise all the utensils used for the distribution of milk, together with the necessary boiler.

Subsequent samples of milk taken from this retailer proved, on examination, to be satisfactory.

### **Offensive Trades.**

The one offensive trade in the borough, viz:—that of tripe boiling, was carried on throughout the year without complaint.

### **Factories Act.**

35 Notices were sent to the owners of factories with Mechanical Power, 34 requiring alterations to sanitary conveniences, and one for want of cleanliness.

17 of the Notices were complied with. The remainder have been given to contractors to carry out the work.

### **Domestic Refuse Removal.**

With the exception of one or two short periods, the domestic refuse has been collected at weekly intervals and disposed of by controlled tipping.



## Dustbins.

Domestic refuse bins have been difficult to obtain throughout the war years, and in consequence there is a considerable shortage throughout the town. This, I hope to be able to remedy as soon as prices reach a reasonable level by introducing a scheme for the municipal ownership of bins, which the Council have approved.

To finance the scheme it has been decided to make the cost a direct charge on the rates.

## Street Cleansing.

This essential service has been carried out without complaint from any quarter during the year. The system in operation is to employ gangs of men in the centre of the town, and lengths-men on the outskirts.

The system, whilst fairly satisfactory, is wasteful both of labour and money, and after careful consideration the Council have approved the purchase of a Mechanical Sweeper Collector for street sweeping and a Mechanical Gully Emptier for cleansing the street gullies.

Both machines are on order, and it is hoped to have a new scheme of cleansing in operation this year.

## Salvage.

With the ending of Hostilities, the collection of salvage, which is carried out weekly, has shewn diminishing yields.

The following table shews the salvage collected during the year, as compared with the previous year.

	1945.		1944.	
Waste Paper .....	218 tons.	3 $\frac{3}{4}$ cwts.	250 tons.	4 cwts.
Ferrous Metals .....	10 tons.	8 cwts.	9 tons.	4 $\frac{1}{4}$ cwts.
Non-Ferrous Metals .		16 $\frac{1}{4}$ cwts.		14 $\frac{1}{4}$ cwts.
Textiles .....	6 tons.	$\frac{3}{4}$ cwts.	7 tons.	7 $\frac{1}{4}$ cwts.
Bones .....	8 tons.	1 $\frac{1}{2}$ cwts.	12 tons.	5 $\frac{1}{2}$ cwts.
Rubber .....		NIL.	1 ton.	16 $\frac{3}{4}$ cwts.
Kitchen Waste .....	394 tons.	11 $\frac{1}{2}$ cwts.	401 tons.	1 cwts.

The total value of the materials sold during the year amounted to £2,510 as against £2,749 last year.

To comply with the instructions of the Ministry I attach a classified statement showing the number and nature of inspections made during the year, and the results of such notices.

I beg to remain,

Ladies and Gentlemen,

Your obedient servant,

ARTHUR ALBINSON,

Senior Sanitary Inspector.



# BOROUGH OF MACCLESFIELD.

## SANITARY INSPECTORS' TABULAR STATEMENT 1945.

Number and Nature of Inspections made.	No. of Notices Served.			Result of Service of Notices.			
	Number.	Statutory.	Informal.	Notices com- plied with.	Remaining in hand.	Prosecutions.	
1. Dwelling-houses (general inspections) ....	998	42	309	....	243	108	—
2. Cellar Dwellings ....	Nil	—	—	....	—	—	—
3. Back-to-Back Houses ....	Nil	—	—	....	—	—	—
4. Tents, Vans, Sheds, etc. ....	20	—	—	....	—	—	—
5. Courts, etc. ....	No record kept.						—
6. Privy Middens, etc. ....	25	....	....	....	—	—	—
7. Cesspools ....	13	—	2	....	2	—	—
8. House Drainage ....	160	13	21	....	25	9	—
9. Ditches, Watercourses, &c. ....	8	—	2	....	2	—	—
10. Offensive Accumulations ....	6	—	6	....	6	—	—
11. Keeping of Animals ....	12	—	5	....	4	1	—
12. Offensive Trades ....	26	—	—	....	—	—	—
13. Slaughter-houses (Public) ....	331	—	17	....	17	—	—
Do. (Private) (Not in use) ....	6	—	—	....	—	—	—
Other places where food is produced or sold ....	12	—	7	....	1	6	—
14. Piggeries ....	15	—	1	....	1	—	—
15. Dairies and Cowsheds ....	36	—	6	....	6	—	—
16. Factories ....	115	1	34	....	6	29	—
Outworkers Premises ....	13	—	1	....	1	—	—
17. Bakehouses ....	96	—	12	....	12	—	—
18. Water Supplies ....	60	—	—	....	—	—	—
19. Common Lodging Houses ....	208	—	3	....	1	2	—
20. Houses let in Lodgings ....	Nil	—	—	....	—	—	—
21. Smoke Observations ....	10	—	10	....	9	1	—
22. Canal Boats ....	7	—	—	....	—	—	—
23. Provision of Regulation Ashbins ....	1114	—	452	....	98	354	—
24. Infectious Diseases ....	198	—	—	....	—	—	—
25. Miscellaneous ....	47	—	26	....	11	15	—
	3536	56	914	....	445	525	—





